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**NAME:** Mail Stop: Amendment; Group Art Unit: 3672  
Examiner Hoang C. Dang  
United States Patent and Trademark Office

**FAX:** (571) 273-8300

**FROM:** Grant Rodolph

**DATE:** November 18, 2005

**RE:** U.S. Patent Application Serial No. 10/680,901  
Filing Date: October 6, 2003  
Atty Docket: HES 2003-IP-012001 (1391-45200)  
Amendments and Response to Office Action dated August 25, 2005 (15 pages)

*RESENT IN CORRECT ORDER*

Total Number of Pages (Including Cover Page): 16

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Atty Docket: 2003-IP-012001 (1391-45200)

NOV 18 2005

Patent

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: David Joe Steele, *et al.*

Serial No.: 10/680,901

Filed: October 6, 2003

For: LOOP SYSTEMS AND METHODS OF USING  
THE SAME FOR CONVEYING AND  
DISTRIBUTING THERMAL ENERGY INTO A  
WELLBORE§  
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Group Art Unit: 3672

Examiner: Hoang C. Dang

Confirmation No. 6365

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Commissioner for Patents  
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Box 1450, Alexandria VA 22313-1450 on 11/18/2005  
Edith S. Shek**AMENDMENTS AND RESPONSE TO  
OFFICE ACTION DATED AUGUST 25, 2005**

Dear Sir:

In response to the Office Action dated August 25, 2005, Applicants respectfully submit the following amendments to the above-identified application. The changes made are shown by underlining the added text and striking through the deleted text in bold.

**Amendments to the Specification** begin on page 2 of this paper.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 3 of this paper.

**Remarks/Arguments** begin on page 11 of this paper.